

WHAT IS CLAIMED IS:

1. A positive electrode active material comprising:
particles having a layered structure,
the particles comprising:
a first compound oxide of lithium and nickel; and
coating layers formed on at least parts of the
surfaces of the particles,
the coating layers comprising:
a second compound oxide of lithium and titanium.
2. The positive electrode active material according to
claim 1, wherein the ratio by weight of the first compound
oxide to the second compound oxide is between 96:4 and 65:35.
3. The positive electrode active material according to
claim 1, wherein the second compound oxide has a spinel
structure in the cubic system.
4. The positive electrode active material according to
claim 1, wherein the positive electrode active material has
a mean particle diameter of 5 to 20 μm .
5. A non-aqueous electrolyte secondary battery
comprising a positive electrode active material and a

negative electrode active material,

wherein the positive electrode active material
comprises

particles having a layered structure,

the particles comprising:

a first compound oxide of lithium and nickel; and

coating layers formed on at least parts of the
surfaces of the particles,

the coating layers comprising:

a second compound oxide of lithium and titanium.